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NFOI	MATION REPORT	INFORMA	ATION R	EPORT
	CENTRAL INTELLIC			
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This materials, U.S.C. S	l contains information affecting the National Defense of t ecs. 793 and 794, the transmission or revelation of which	the United States within the in any manner to an u	nauthorized person is p	rohibited by law.
	C-O-N-F-I-I	D-E-N-T-I-A-L	50>	K1-HUM
OUNTRY	USSR (Gorkiy Oblast, Magadan Oblas	st) REPORT		
UBJECT	1. GAZ Plant and its Automation	DATE DISTR.	19 May 1959	
	Section in Gorkiy:	NO. PAGES	1	
	2. SARZ Vehicle Repair Plant in Spornyy:			
		REFERENCES		
ATE OF				50X1-HUN
IFO. LACE &				50X1-HUM
ATE ACQ.	SOURCE EVALUATIONS ARE DEFINITIVE.	APPRAISAL OF CONT	ENIT IS TENITATIVE	
	Two reports on automobile plants	tachment 1 is a s	sketchy report	on
		ludes information plant, some infor brief description including an "ele Attachment 2	n on the layout mation on the a ons of various a ectric magnet"	of the plant automation automatic
	the GAZ Plant in Gorkiy which incl a very superficial sketch of the p section with a sketch, as well as devices produced in the section, i Vehicle Repair Plant in Spornyy (N tions of the various plant building a sketch showing the three stamps semi-finished, finished, and reject	ludes information plant, some infor brief description including an "ele provides gen of 62-21, E 151-06 ags, and includes used by the tech tech manufactured	n on the layout mation on the a ons of various a ctric magnet" meral information, Magadan Obles a sketch of the mical control to	of the plant automation automatic on on the SAR ast, descripte plant layouteam to stamp schematic
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	the GAZ Plant in Gorkiy which incl a very superficial sketch of the p section with a sketch, as well as devices produced in the section, i Vehicle Repair Plant in Spornyy (N tions of the various plant building a sketch showing the three stamps semi-finished, finished, and reject	ludes information plant, some infor brief description including an "ele Attachment 2 provides gen 62-21, E 151-06 mgs, and includes used by the tech manufactured on of the plant.	n on the layout mation on the a ons of various a ctric magnet" meral information, Magadan Obles a sketch of the mical control to	of the plant automation automatic on on the SAF ast, descripte plant layout the plant layout the plant of the

Sanitized Copy Approved for Release 2010/08/27: CIA-RDP80T00246A048600310001-8 CONFIDENTIAL "s.a.r.z." VEHICLE REPAIR PLANT 50X1-HUM The "S.A.R.Z." (Sporni Auto Repair Zavod) was located in the small town of (N62-33, E149-40) Spornyy (N,62 - 21, E 151 - 06), Magadan oblast, Yagodnyy rayon, 500 meters It has me PO box No. 160 to the right of the Magadan highway. It was subordinate to metals PRODUCTS Delocdistributer bodies, generator end covers, housings, and coils, induction coild, reflectors, spare parts, gasoline pumps, carburators and all necessary items for trucks except cylinder blocks, crank shafts, and insulators were manufactured here. These were all about the same sizes as those used in the average ZII-150 and ZII-5 trucks. 50X1-HUM Each section had its technical control team. with which all muntistured parts we the team in the electric section; each had three stamps numbered 1, 2, and 3, The Phant did not manufacture or repair military equipment. CONFID 5้0x1-HUM

Sanitized Copy Approved for Release 2010/08/27 : CIA-RDP80T00246A048600310001-8 The following is a list of Plant installations and their activities. 50X1-HUM CONFIDENTIAL Gasoline and petroleum tanks which belonged to the main supply 50X1-HUM dump near the plant and were located in a fenced in area up on a hill 500 meters from the road. N_{δ} 5 Nørthern road to Magadan Town reservoir which supplied water from the river to the Plant. N_{0} 3 Nº 4 Electric transformer (another smaller one, was located next to the river, supplied the town). Three-meter high wooden fence supported by concrete columns located Nº 5 three or four meters apart. Tractor Repair Shop. - A two-story brick structure that had a wooden Nº 6 gailed roof covered with sheet metal and insulated with a mixture of sawdust and ashes. First floor: Tractor repairs. Second floor: Storeroom for spare parts and offices of the tractor section. This building used the following machinery which was in good condition: Lathes Planes Milling machines Drills Gas and electric welding torches Tractors were parked in the garage (Nº 12) until they were picked up. This shop had 150 workers on three shifts; less people worked the night shift. 50X1-HUM Machine Repair Shop .- A one-story seven or eight-meter high brick CONFIDENTIAL structure that had a wooden gabled roof covered with sheet metal and insu-

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lated with a mixture of sawdust and ashes. It repaired machinery for plan	
use and had many lathes, milling machines, drills, planes, etc. This shop	
	50X1-HUM
had 250 workers on three shifts.	50X1-HUM
Nº 8 Small Smelting Shop. A one-story 10-meter high brick structure th	
A Principal Control of the Control o	
had a roof of similar construction to those buildings already mentioned.	
Certain places such as smokestacks, were fitted out with sheets of asbesto	a l
Certain places such as smokes tacks, were littled out with sheets of assesse	~•
It had five small coke furnaces: four for cast iron and one for cast meta	1. (
Each furnace had a small brick smokestack. Products were transported eigh	er by
electric	
harts of small trucks (if they were large) to the different	t snops.
This shop had 70 or 80 workers.	
THIS BROD HAR (O OI OO WOLKELD)	
Nº 9. Small Forge Shop was a one-story 10 to 12-meter high structure	with
	-4
the same characteristics as the other buildings. It forged parts and acce	sories
for automobiles, trucks, tractors.and used the following machinery:	t way to
8 Furnaces: six large, two average size	· ·
8 Motor powered drop hammers	
	1
This shop had 250 employees.	
Nº 10. The Tool Shop was a one-story structure That had the s	ame
N- 10. Into 1001 Shops.	
characteristics as the other buildings. It made tools, diedstamps, etc.	and
had a lot of machinery such as: lathes, milling machines, drill, cutters,	
	ر د در و د ر
made in Czecho-Slovakia, Russia, etc. This sho	7.10
	50X1-HUM
150 workers.	50X1-HUM
Nº 11. Road which ran in front of the main gate to between the main high	ıway
and the northern highway.	50X1-HUM
and me norman unknas.	
Nº 12. Garage for trucks and passenger cars.	
CONFIDENTIAL	

Sanitized Copy Approved for Release 2010/08/27 : CIA-RDP80T00246A048600310001-8 Nº 13. Offices and Administration - was a one-story wight to ten-meter high brick structure that had a roof constructed st the same as those of the other 50X1-HUM buildings. Nº 14. Main Gate Nº 15. Main Plant Building. - was a one-story bfick 200 X 50 X 15-meter structure that had a wooden roof covered with sheet metal; it was probably fireproof and had a basement. It repaired automobiles and was divided into the assembly, welding, machine, electric, etc. sections. It made all types of necessary items for trucks, except cylinder blocks, crank shafts, and insulators. There was a great variety of machinery, part of which was foreign manufactured. Products and parts manufactured in this building were stored in the basement. The Electric Section made Delco distributer bodies, generator end covers, housings, and coils, induction coils, reflectors, spare parts, gasoline pumps, carburators, etc. It had the following machinery: 9 Lathes: one measured 2'5 meters and the rest 1'5 meters. 5 Drills 1 Milling machine This section had 120 workers on two shifts. 50X1-HUM

Nº 16. Guard house

Nº 17. Gasoline dump where the fuel was stored in cans and tanks.

Nº 18. Garages- was a one-story 60 X 15-meter log structure stuccoed inside with

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atraw and mud that had a wooden roof covered with she	et metal. It was used	in
winter to 787 handle minor repairs on trucks.		50X1-HUM
Nº 19. Truck Parking Lot		
Nº 20. <u>Dump</u> for storing scrap iron until it went	n to the foundry	
Nº 21. Laboratory		
RAW MATERIALS		
The Plant used blocks of special type of cast iron, s	teel bars and sheets,	
coke, oxigen, oil, gasoline, etc.	these materials were	, 50X1-HUM
all domestic. All products were brought in by truck.		
	Considerate arti-	50X1-HUM
cles torcal because they would have been too	much of an expenditure	
WATER SUPPLY		
Three kilometers south of the plant there was a system	n which pumped water	
for a tank (supported by piers 20 meters above the gro	ound) located in the	
northwest corner of the plant grounds.		
Water could be obtained from the river even in winter	because the strong	
current did not permit it to become entirely solid. T	he Plant heated it	
in winter by a system of two pipes located underground	on either side of	
the main pipe; houses in town used the same system.		
POWER		-HUM
($N62-40$) E 150 Helectricity was supplied by a power plant in Taskan.	7-52)	
The plant had two transformer stations: a large one w	ithin the premises	50X1-HUM
and a small one, located 2'5 kilometers south of the p	lant next to the river	
	the	**50X1-HUM

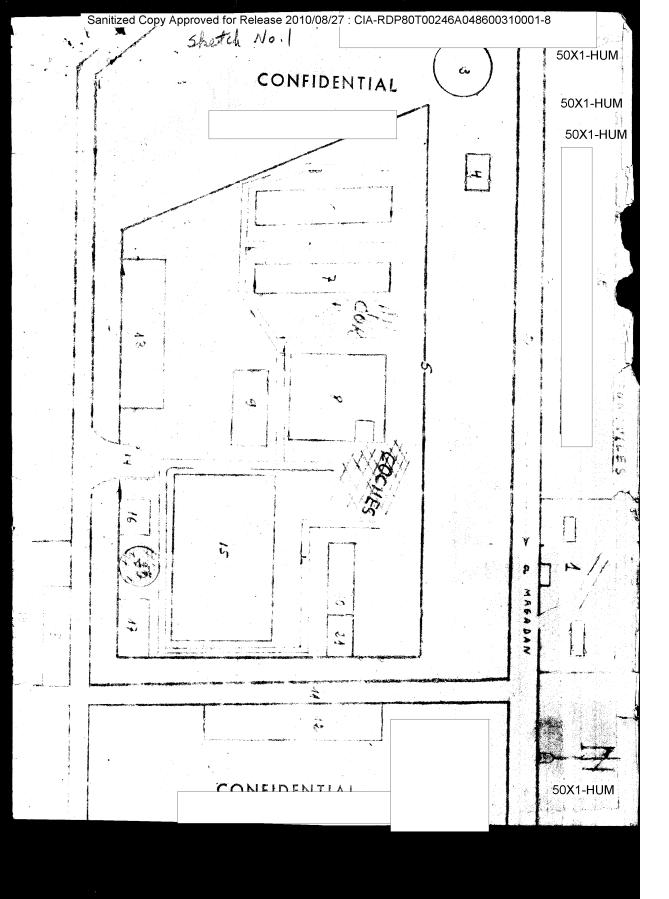
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	:
	50X1-HUM
Average voltage was 220; however, some machines	
nd motors used 380 volts. Sometimes in winter power was cut off for hour	S
r even a day at a time.	
ACCEPTE	the second of the second of
ACKING	r
ftover parts were shipped to other plants in boxes of different sizes	
aich had the plant name, number, type, and shipping address stamped on the	em.
RANSPORTATION	
	e de la company de la comp La company de la company de
e Plant had no railroad transportation.	and the same of th
ere was a road north to Magadan, a main 8-meter dirt highway which went	`
nto town and ran alongside the river, and a 6-meter wide dirt road which	
an between the other two on the plant's south side. These were open to	
raffice all year round and were considered adequate.	
ne Plant had:	
10 I Tano nade	
40 Trucks among which were:	
2 Seven metric-ton three-axle trucks; one ZIL - 150 and the oth	er
	7.5
1 ZIL - 5.	1 2000
1 ZIL - 5 three-ton two-axle truck	
3 or 4 Passenger cars used by plant officials	
	50X1-HUN
TORAGE	
LORGO	17 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
he plant did not store many tons of scrap iron	
1	
· · · · · · · · · · · · · · · · · · ·	<u> </u>
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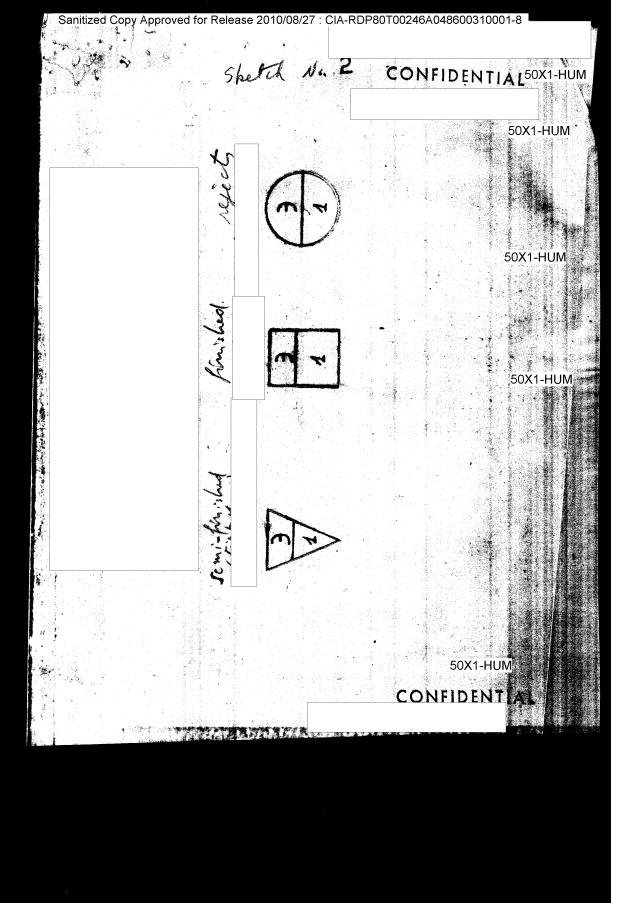
Sanitized Copy Approved for Release 2010/08	1 1 1	-50V4 LILIM
Gasoline and petroleum were stored in	COMIDENTIAL	
, depotitie with bestorers were protect in	200 IISSI MEVAI CAMB IOCAVSQ II	50X1-HUM
Nº 17.		
Each section had a number of firemen w	who had the necessary equipment such	as
fire extinguishers. The only indooor	storage area was located in the base	
ment of Building Nº 15.		
DUCTION FIGURES		en e
		50X1-HUM
	the minimum	
requirement under the Five Year Plan w	was a complete overhaul of 150 trucks	1
per month. Material not used that mon	nth was stored so that the economists	
could figure out the work norm accordi	ing to the items on hand and the orde	r s
received from other plants.		
The expected production norm was unknown	wn .	50X1-HUM
WORKING CONDITIONS		
The Plant had a 46-hour work week.		
The Machine, Forge, and Assembly Section	ons worked three 8-hour shifts and th	
rest of the sections worked two 8-hour	shifts; in the latter three or four	
workers always stayed on to take care of	of the machines, furnaces, etc. Each	<u>.</u>
shift had ashalf hour break for lunch.		
Workers were granted 18-day vacations p	plus three days extra for working in	
the north and 12 more because of the lo	ocation of the plant in Siberia.	
Supervisors and other personnel were gr	ranted 48-day vacations which could b	•
taken at any time of the year.	CONFIDEN	TIAL
The average wage was 1500 rubles plas s		•.1
		50X1-HUM J

Sanitized Copy A	pproved for Release 20	10/08/27 : CIA-	RDP80T00246A0486003	310001-8 50X1-HUM
m	l en e ten vencent	heata on ave	ry six months but mo	
inis was ligured	on a ten percent	Dasis on eve	Ty SIX MONOTO DUT M.	V2 0 411411
• 00	3 t la la 110 anto A	Conitons	oonditions were soo	50X1-HUM
100 percent coul	d not be collected	• Sant Cary	conditions were good	
HT COMP			,	
URITY				
•				
Wooden barracks	about 500 meters so	outh of the	plant housed person	nel and the
fire engines. A	n unknown number o	f firemen an	d guards took turns	patrolling
the area. In Bu	ilding Nº 16 there	was a small	security force whi	ch controlled
entrances and as	signad stations to	the guards.	The rest of the po	ersonnel were
stationed at di	fferent points insi	de the premi	ses.	
Firemen wore no	uniforms and were	ordinary wor	kers; they did not	carry their
firearms but ke	ot them in the barr	acks. Guard	s wore soldier's un	iforms with
red shoulder bos	ards, caps with vis	ors, and hie	h boots; they used	either a
pistor or a TT	revolver using a sh		imeter shell.	
Every person had	have his i to %45\$\$\$\$77 7 "pro	(stamped) pusk" at the	entrance; a round	stamp meant
"time of stay u	nlimited" and a tri	angular stan	np meant "time limit	ed to dura-
tion of shift".	Only persons wit	h a special	mission were allowe	d in the
laboratory; pers	sonnel had unlimite	ed access to	all other installat	ions.
There were no co	ourses on air attac	k or air-rai	d shelters.	· · · · · · · · · · · · · · · · · · ·
ORGANIZATION AND) PERSONNEL			50X1-HUM
Approximately 50	XXX persons worked	in the plant	i.e. workers, tech	nicians,
firemen, etc.		the majorit	y were specialists.	50X1-HUM
			CONFIDENTIA	

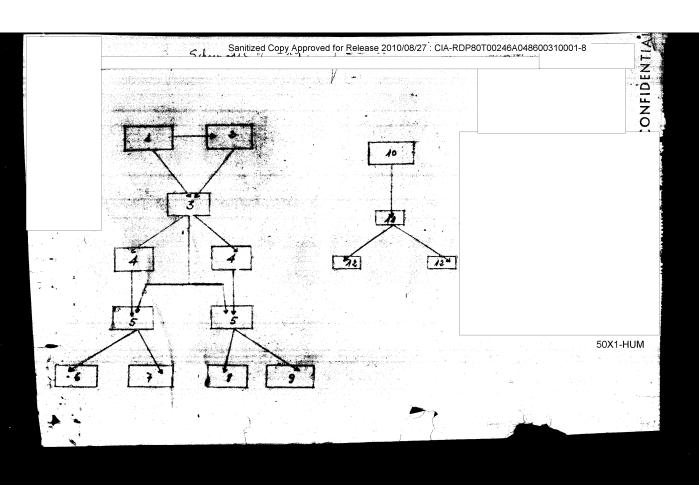
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1	indicated only native Russians were employed.	50X1-HUM
		50X1-HUM
	IES, IMPROVEMENTS, AND PROMOTION OF PRODUCTION 1 effort, had to be made to fulfill the norm dictated by the Fi	.ve
Year Plan		ye e e e e e
needs but	know how it could be done nor how long it would take.	
		e e e e e e e e e e e e e e e e e e e
		50X1-HUM

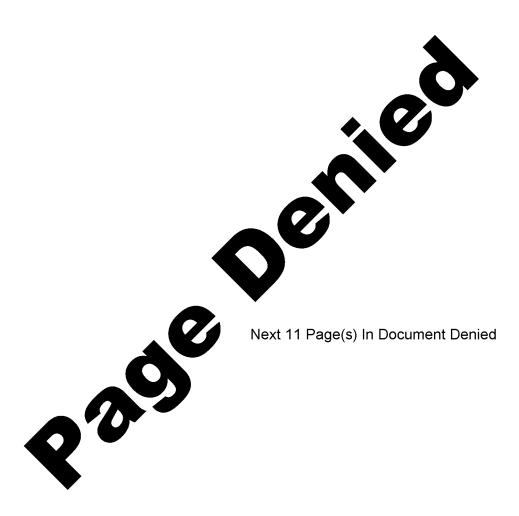
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Sanitized Copy Approved for Release 2010/08/27 : CIA-RDP80T00246A048600310001-8 CONFIDENTIAL 50X1-HUM LEGEND TO SKETCH OF ORGANIZATION IN THE ELECTRIC SECTION 50X1-HUM Chief Engineer Work Distribution Engineer Chief Master Two masters who received orders from the above. Two masters who made the preparations Lathes 7. Fitters 8. Fitting of attachments 9. Coil winders 10. Chief of the Technical Constrol Organization 11. Master of the Technical Control Organization 12. Two assistants the master of the Technical Control Organization 50X1-HUM





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GAZ IMENI MOLOTOVA PLANT AND ITS AUTOMATION SECTION

1.	subordinate to the Ministry (Ministerstvo avtomobilnogo proiz Gorkiy (N 56-20, E 44-00), somewh	mobilnyy zavod, GAZ-imeni Molotova. this plant of Automobile Production Industry wodstva). The plant was located in ere east of the Oka River. Exact eest or streets in the vicinity were	
	Unknown		50X1-HUM
40	The main activity of the Wood-Wor of boards for wooden components of activities of this shop were know eperated production equipment obs		inishing ion or g power- 50X1-HUM
	4 or 5 electrical saws 5 or 6 band saws 5 or 6 circular saws 4 planning lathes 4 drilling (boring) lathes 1 or 2 automatic hammer lathes dyeing, painting, repairing and drying equipment	make or origin unknown H H H H H M Make unknown believed to be of Soviet origin	50X1-HUM
			50X1-HUM

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50X1-HUM 50X1-HUM

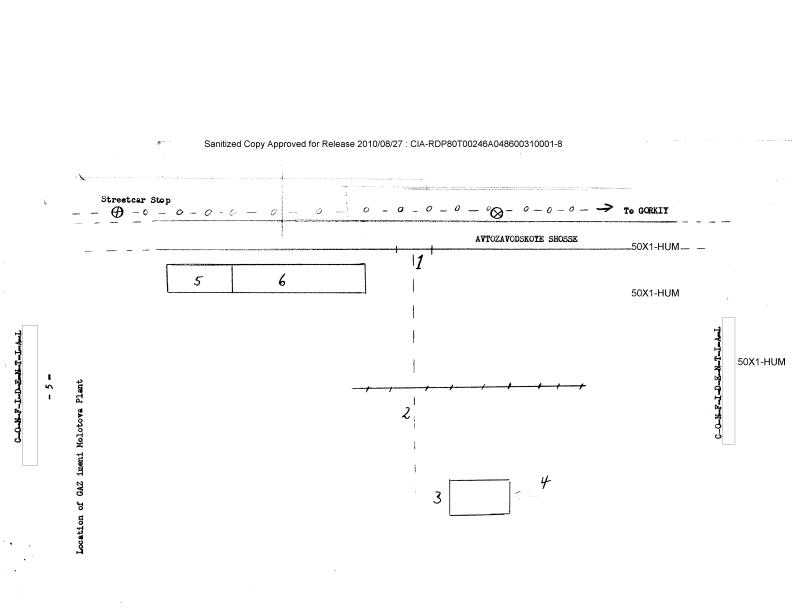
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its own transformer. The type and source of fuel used were unknown. He provided no details on smokestacks. He had observed the power lines but could provide no details. Supply of electricity was adequate with few breakdowns experienced. Voltage used was believed to be 220. Main heat, steam, and power supply installations were believed to be located outside of the plant and serviced the entire area, including the Sotsialisticheskiy gorod (Sotsgorod).

	vorking Sh	op operat	ted or	n an ei	ght-hou	r daily	shift.				
The se	curity sy	stem or m the entr	neasu rance	res emp	oloyed a	t the p	lant wer	e unkno	wn kers. H	ie 5) DX1-I
believ	red that w	orkers of	[eacl	h shop	require	d diffe	rent mar	kings o	n their	passe	8
	try to th										0X1-l
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									the Au	to-	J
mation	Section			_							
	7				7 in exi]	
		l in proc							—		
	proximate										
consis	ted of tw	o design	group	ps, the	e electr	o-circu	it desig	ners an	d mechar	ical	
						_4	oup cons	isted o	f seven	or	
	s designe	rs. The	elect	tro-cir	rcuit de	sign gr					
scheme		rs. The	elect	tro-cir	rcuit de	sign gr			nical sc		
scheme eight	designers						th	e mecha	nical so	hemes	Ͻ Χ 1-Ι
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scheme eight design	designers	nsisted o	of 18			• This	th section	e mecha worked	during	chemes one 5	ЭХ1-I
scheme eight design eight-	designers	nsisted o	of 18 only.	to 20	Soviets	gro	th section	e mecha worked	during	chemes one 5	OX1-ŀ
scheme eight design eight-	designers n group co hour dail	nsisted o	of 18 only.	to 20	Soviets	gro	the section up of the coral if	e mecha worked e elect	during	chemes one 5	OX1-I
scheme eight design eight-	designers n group co hour dail ers experi	nsisted of shift of the shift o	of 18 only.	to 20	Soviets	gro	the section up of the cralifornitsy	e mecha worked e elect ting de	ro-circuvice, ca	one 5	
scheme eight design eight- esigne "tolka	designers n group co hour dail ers experi	nsisted or shift of mented on uired for ize of the	of 18 only.	to 20 design	Soviets of ciric cutti	grocuits fing ("no two	up of the or a lift zhnitsy meters we	e mecha worked te elect ting de) latheride and	ro-circuvice, ca	it.lled	OX1-H
scheme eight design eight- besigne	designers n group co hour dail ers experi	nsisted or shift of mented on uired for ize of the	of 18 only.	to 20 design	Soviets of ciric cutti	grocuits fing ("no two	up of the or a lift zhnitsy meters we	e mecha worked te elect ting de) latheride and	ro-circuvice, ca	it.lled	
scheme eight design eight- lesigne "tolka	designers n group co hour dail ers experi	nsisted or shift of the mented on uired for ize of the ck. The	of 18 only.	to 20 designelectrital to limit plate	Soviets of cir c cutti be cut	grocuits fing ("no two	up of the or a lift or a lift meters we ut into	e mecha worked te elect ting de) latheride and halves.	ro-circuvice, ca	iit lled two	
scheme eight design eight- esigne "tolka centim	designers n group co hour dail ers experi ttel", req the s meters thi ng process	mented on uired for ize of th ck. The	of 18 only.	designelectrital to	Soviets of ciric cutti be cut es were	grocuits fing ("no two to be coded on h	up of the cor a lift principle. The cor a lift principle with into the core the core and the cor	e mecha worked ting de ') lathe ide and halves.	ro-circu vice, ca one or During	it.lled two	
scheme eight design eight- esigne "tolka centim	designers n group co hour dail ers experi ttel", req the s meters thi ng process	mented on uired for ize of the ck. The aut ate plate	of 18 only. In the metal metal tomatic and	designed to 20 design tal to 1 place ic devi	Soviets n of cir ic cutti be cut es were ice work	grocuits fing ("no two	up of the constant into the co	e mecha worked ting de) lathe ride and halves.	ro-circuvice, ca	iit lled two	50 X 1-
scheme eight design eight- eight- essigne "tolka centim cuttin lift e	designers n group co hour dail ers experi ttel", req the s neters thi ng process each separ	mented on uired for ize of the aut ate plate or three	of 18 only. In the me metal metal tomatic and	designed des	Soviets of cir ic cutti be cut ics were it in p	grocuits fing ("no two to be contion to be contion ted join	up of the constitution of	e elect ting de) lather ide and halves. ssign gr ssecutiv	ro-circuvice, ca one or During oup woul e cuttin	iit lled two the	50X1-
scheme eight design eight- eight- essigne "tolka centim cuttin lift e	designers n group co hour dail ers experi ttel", req the s meters thi ng process	mented on uired for ize of the aut ate plate or three	of 18 only. In the me metal metal tomatic and	designed des	Soviets of cir ic cutti be cut ics were it in p	grocuits fing ("no two to be contion to be contion ted join	up of the constitution of	e elect ting de) lather ide and halves. ssign gr ssecutiv	ro-circuvice, ca one or During oup woul e cuttin	iit lled two the	50X1-
scheme eight design eight- eight- "tolka centim cuttin lift e	designers n group co hour dail ers experi itel", req the s meters thi ng process each separ two eted in fo	mented on uired for ize of the , the aut ate plate or three ur to six	of 18 only. The metal tomatic and tweel	designed des	Soviets of cir ic cutti be cut ics were it in p	grocuits fing ("no two to be contion to be contion ted join	up of the constant of the constant of the constant of the constant of the plant of	e electiting de l'illathe ride and halves. Esign grante cutive chis devents chis de	ro-circuvice, ca one or During oup woul e cuttin ice whice ief engi	it illed two descriptions the description of the de	50X1- 50X1-
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C-O-N-F-I-D-E-N-T-I-A-L

	•	•	50X1-HUM
•	•	C-O-N-F-T-D-E-N-T-T-A-I.	50X1-HUM
		ao 4 aa	50X1-HUM
2.			
	pressed ti	electro-magnet (elektro magnit). This device was mean atic separation of very thin and circular metal plates from r during a lifting process. The plates, of various dimensions, ightly together, apparently through packing, would be separated and means. This device was not completed	50X1-HUM
3•			
40		Site Layout is the legend to Sketch No. 1 on page 5, which gives the Ga	50X1-HU
	Point 1	Main personnel entrance.	
	Point 2	Road to reach the Wood-Working Tsekh	50X1-HUM
	Point 3	Wood-Working and Finishing Shop.	
	Point 4	Supply area for wood and other implements belonging to the Wood-Working Shop.	
	Point 5	Three-story, brick building, on the 3rd floor of which the Automation Section was located.	50X1-HUM
	Point 5 Point 6		50X1-HUM
	Point 6	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat	
	Point 6 Following	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat	
်စ်	Point 6 Following Section's	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers.	
ه رُ	Point 6 Following Section's Point 1	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers.	cion
) န	Point 6 Following Section's Point 1 Point 2	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers.	ion
, , , , , , , , , , , , , , , , , , ,	Point 6 Following Section's Point 1 Point 2 Point 3	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers.	cion
့် ခ	Point 6 Following Section's Point 1 Point 2 Point 3 Foint 4	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers. Archives.	cion 0X1-HUM
Ď	Point 6 Following Section's Point 1 Point 2 Point 3 Foint 4 Point 5	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers. Archives. Club room. Dining room and kitchen.	cion 0X1-HUM
, , , , , , , , , , , , , , , , , , ,	Point 6 Following Section's Point 1 Point 2 Point 3 Foint 4 Point 5	Automation Section was located. Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers. Archives. Club room. Dining room and kitchen. section or workshop had its own dining room facilities	ion 0X1-HUM
	Point 6 Following Section's Point 1 Point 2 Point 3 Foint 4 Point 5 Point 6 Comments: From 1954 Tractor, a	Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers. Archives. Club room. Dining room and kitchen. section or workshop had its own dining room facilities to 1955, this Ministry was called the Ministry of Automobile and Agricultural Machine Building. Between 1955 and 1956 it	50X1-HUM 50X1-HUM was
· ·	Point 6 Following Section's Point 1 Point 2 Point 3 Foint 4 Point 5 Point 6 Comments: From 1954 Tractor, a	Instrumentation Workshop. is the legend to sketch no. 2 on page 6, giving the Automat layout. Stairs and landing, third floor. Office of the electro-designers. Office of the mechanical schemes designers. Archives. Club room. Dining room and kitchen. section or workshop had its own dining room facilities to 1955, this Ministry was called the Ministry of Automobile	50X1-HUM 50X1-HUM

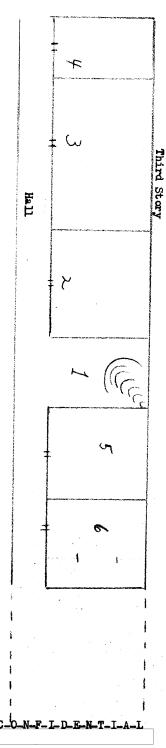


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- 6 -

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Automation Section Layout at GAZ im, Molotova Plant



- 7 -

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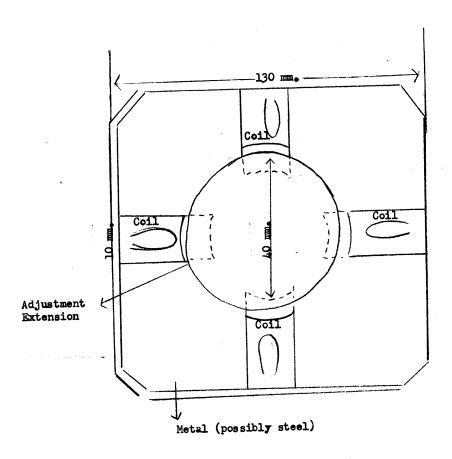
C-O-N-F-I-D-E-N-T-I-A-L

Electro-Magnet Device

at GAZ imeni Molotova Plant

50X1-HUM

50X1-HUM



 $C_O_N_F_I_D_E_N_T_I_A_L$